

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020782.D
 Acq On : 27 Jan 2021 19:51
 Operator : JC/SP
 Sample : M1217-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:47:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

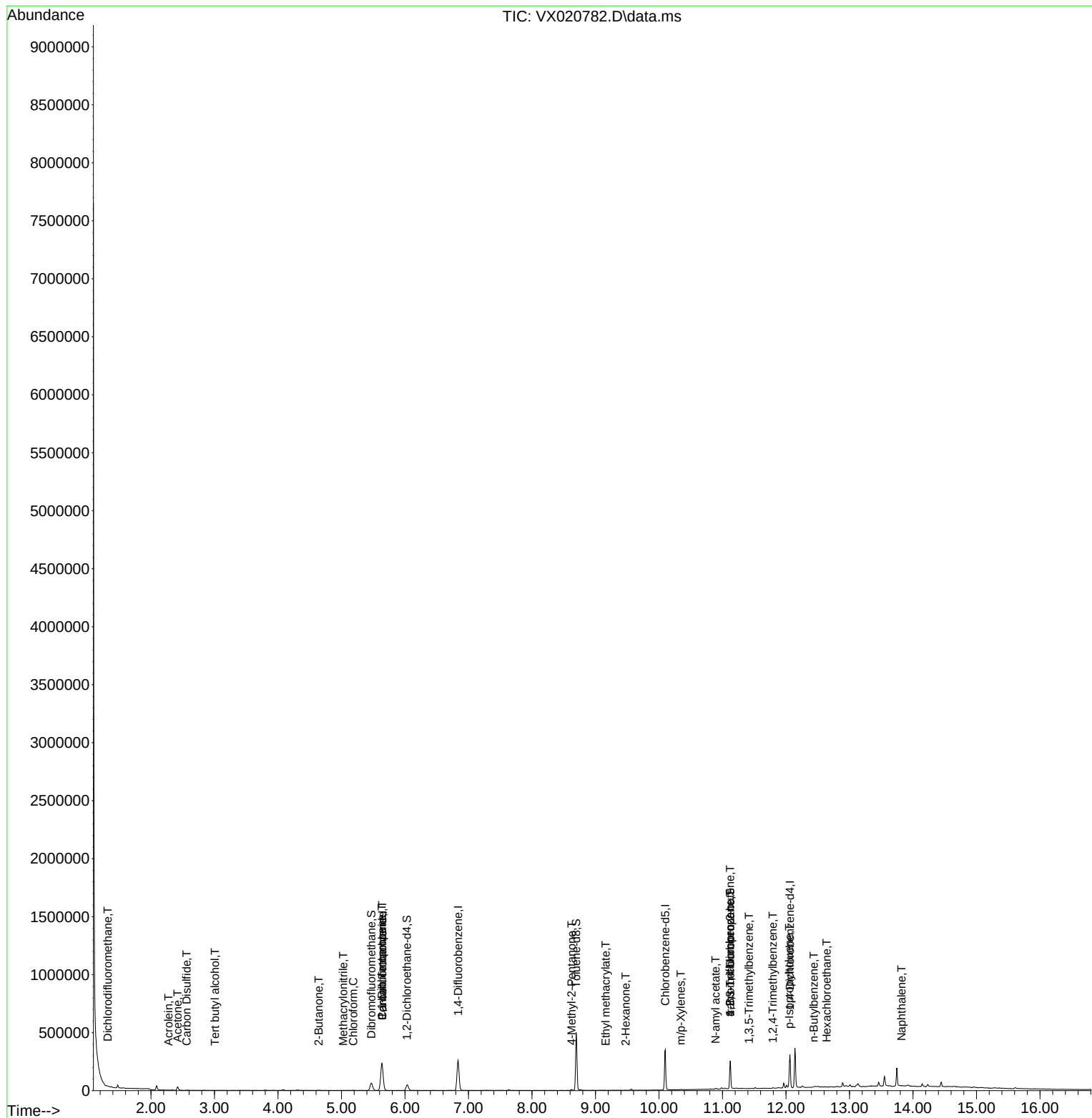
Internal Standards						
1) Pentafluorobenzene	5.641	168	218678	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.836	114	262582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	164523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	57598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	46996	15.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	31.52%#		
35) Dibromofluoromethane	5.471	113	55312	30.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	61.50%#		
50) Toluene-d8	8.696	98	295819	44.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.72%		
62) 4-Bromofluorobenzene	11.122	95	67261	26.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	52.54%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.319	85	214	1.26	ug/l #	1
11) Tert butyl alcohol	3.008	59	206	0.37	ug/l #	1
13) Acrolein	2.276	56	554	1.32	ug/l	88
16) Acetone	2.416	43	32480	28.72	ug/l	100
17) Carbon Disulfide	2.563	76	221	0.93	ug/l #	75
25) 2-Butanone	4.642	43	3731	2.11	ug/l #	88
30) Chloroform	5.184	83	2067	0.43	ug/l #	78
36) 1,1-Dichloropropene	5.635	75	16965	6.44	ug/l #	50
38) Carbon Tetrachloride	5.641	117	21845	7.88	ug/l #	17
41) Methacrylonitrile	5.026	41	287	0.21	ug/l #	21
51) 4-Methyl-2-Pentanone	8.623	43	4358	1.73	ug/l	98
56) Ethyl methacrylate	9.159	69	33	2.79	ug/l #	1
59) 2-Hexanone	9.476	43	847	0.45	ug/l	81
68) m/p-Xylenes	10.342	106	836	0.36	ug/l #	69
74) N-amyl acetate	10.890	43	1827	3.02	ug/l #	41
76) 1,2,3-Trichloropropane	11.122	75	31931	23.90	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.415	105	845	0.24	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.122	75	31931	66.98	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	1236	0.34	ug/l	94
86) p-Isopropyltoluene	12.049	119	16284	4.42	ug/l	90
89) n-Butylbenzene	12.439	91	713	0.22	ug/l	93
90) Hexachloroethane	12.640	117	202	0.30	ug/l	91
95) Naphthalene	13.817	128	819	3.05	ug/l #	81

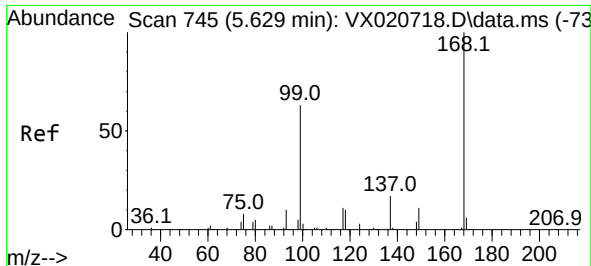
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020782.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

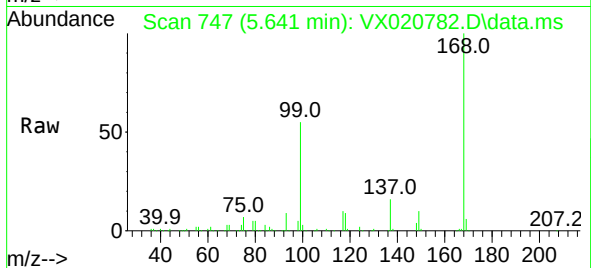
Quant Time: Jan 28 00:47:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



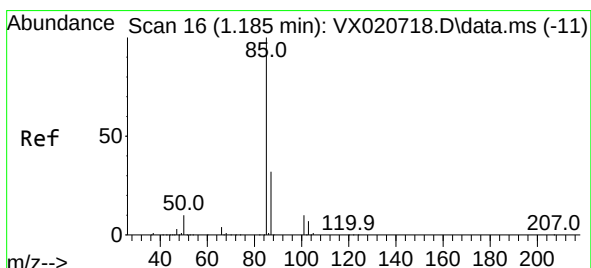
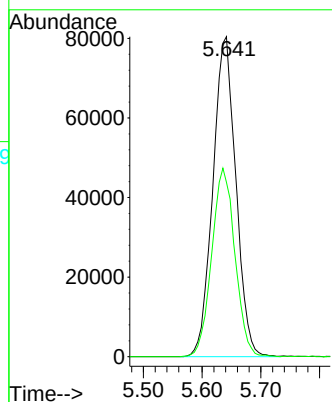
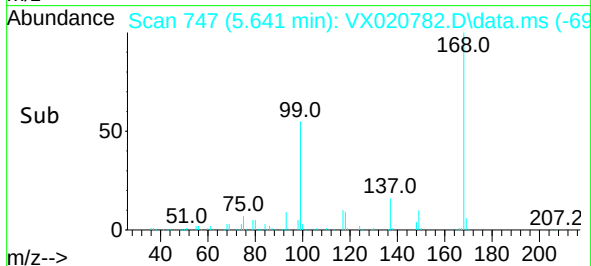


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.641 min Scan# 747
Delta R.T. 0.012 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

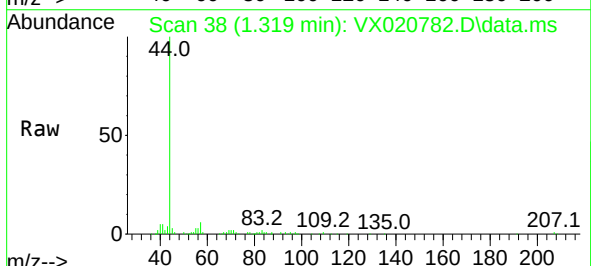
Instrument :
MSVOA_X
ClientSampled :



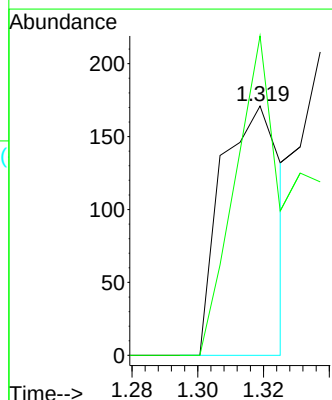
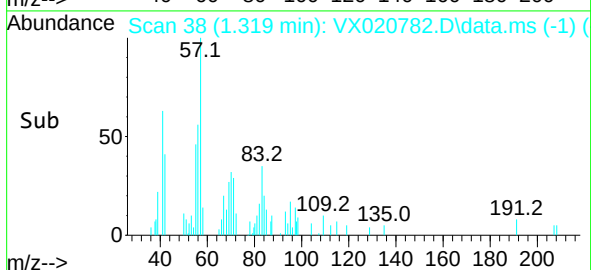
Tgt Ion:168 Resp: 218678
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6

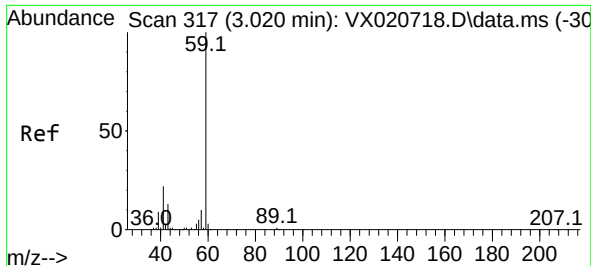


#2
Dichlorodifluoromethane
Concen: 1.26 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.134 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51



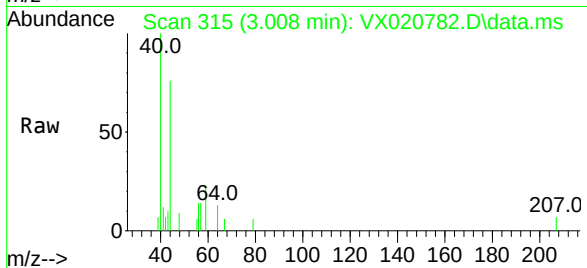
Tgt Ion: 85 Resp: 214
Ion Ratio Lower Upper
85 100
87 128.1 16.4 49.2#



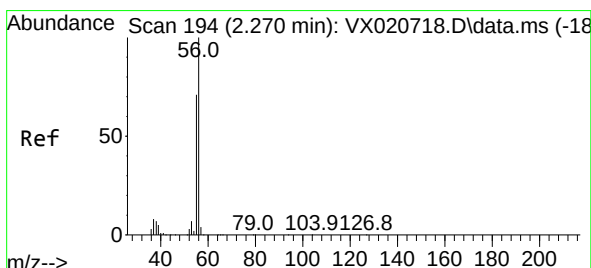
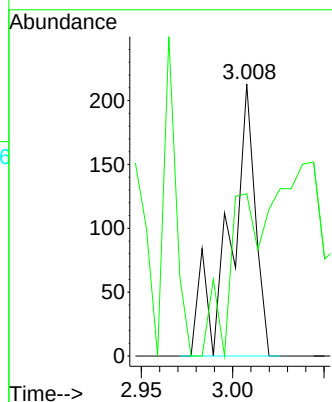
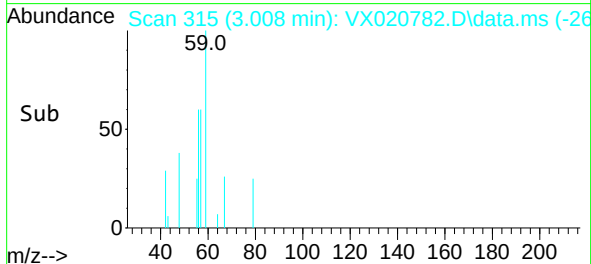


#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

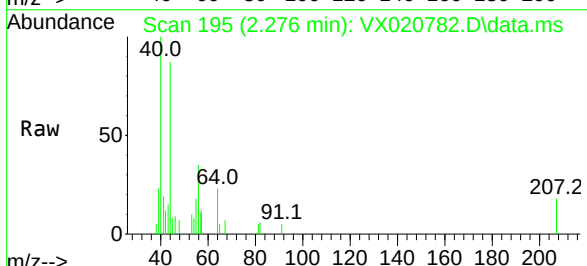
Instrument :
MSVOA_X
ClientSampled :



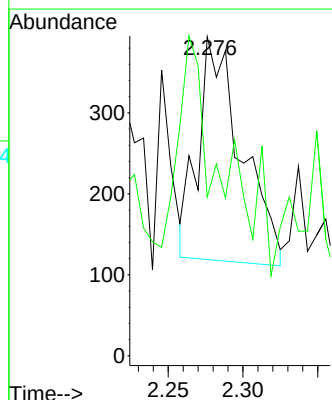
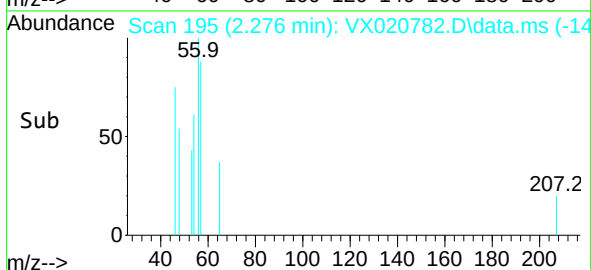
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 69.9 7.8 11.8#

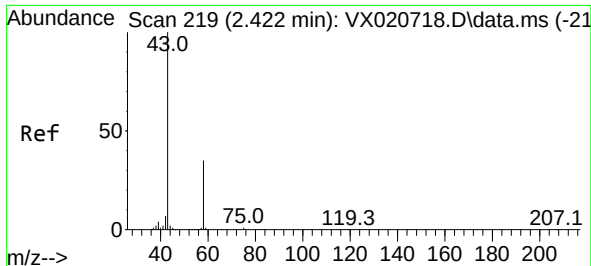


#13
Acrolein
Concen: 1.32 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51



Tgt Ion: 56 Resp: 554
Ion Ratio Lower Upper
56 100
55 61.0 56.4 84.6

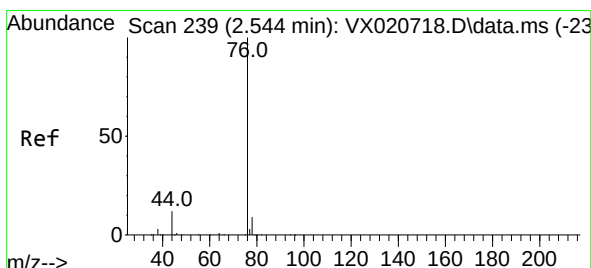
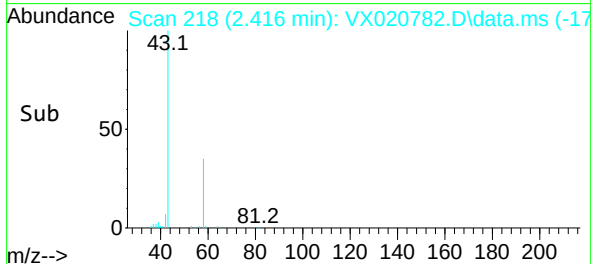
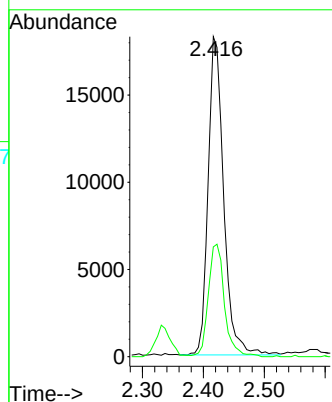
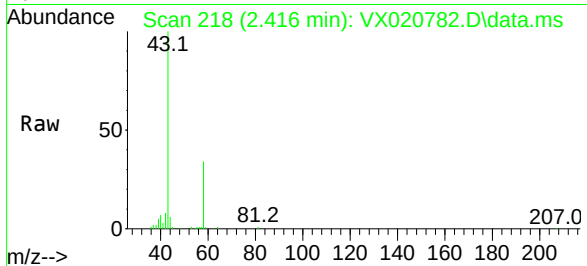




#16
Acetone
Concen: 28.72 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

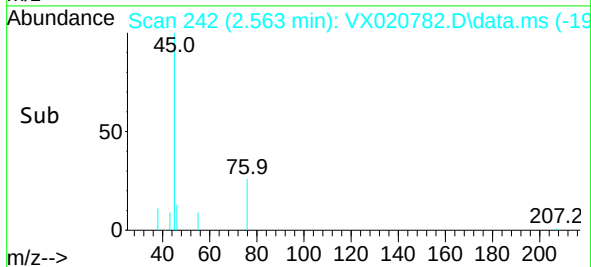
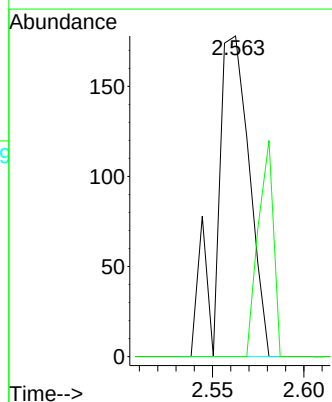
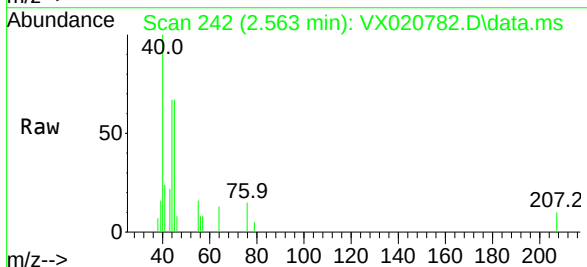
Instrument :
MSVOA_X
ClientSampled :

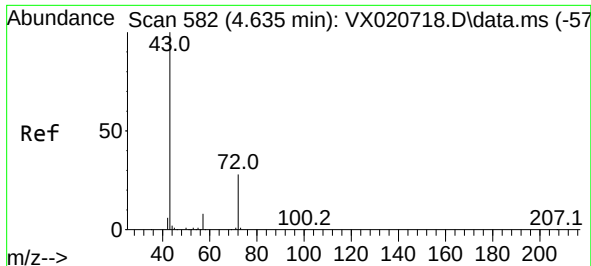
Tgt Ion: 43 Resp: 32480
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.93 ug/l
RT: 2.563 min Scan# 242
Delta R.T. 0.019 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 76 Resp: 221
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

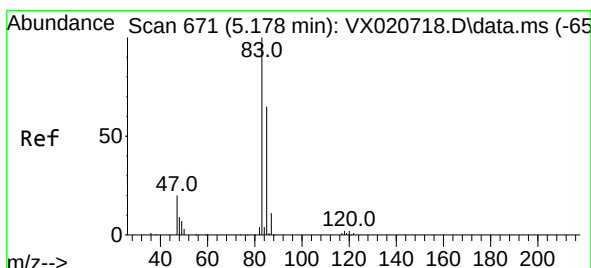
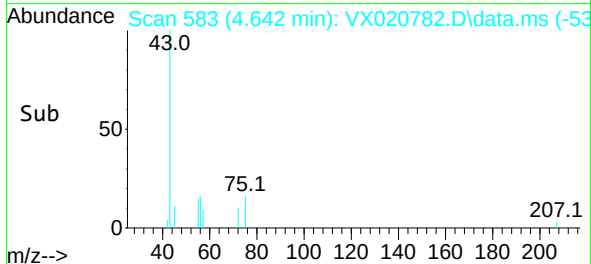
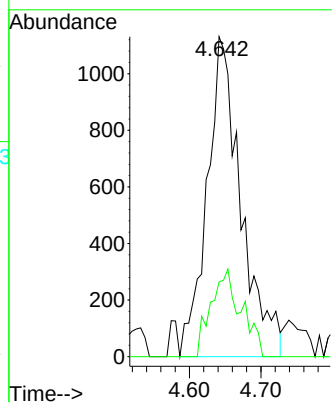
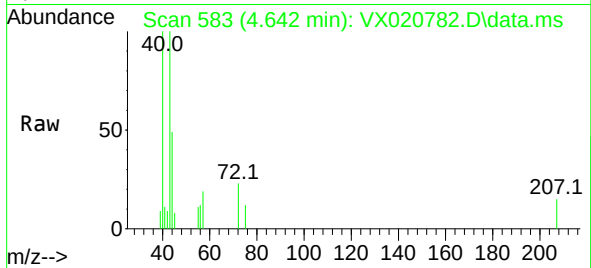




#25
2-Butanone
Concen: 2.11 ug/l
RT: 4.642 min Scan# 583
Delta R.T. 0.007 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

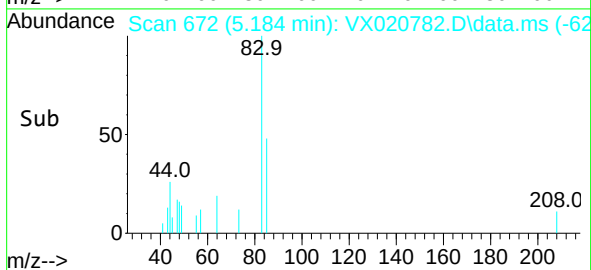
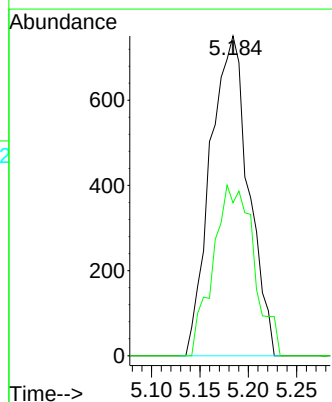
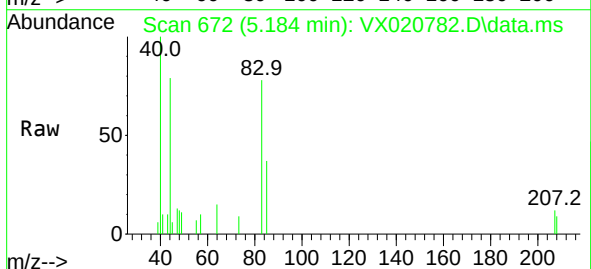
Instrument :
MSVOA_X
ClientSampled :

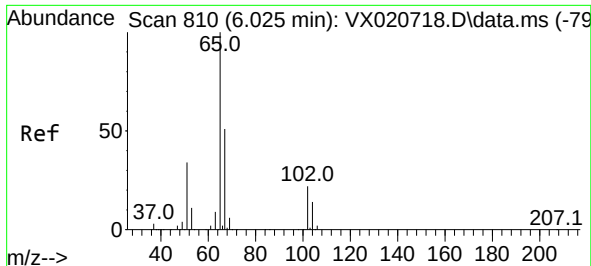
Tgt Ion: 43 Resp: 3731
Ion Ratio Lower Upper
43 100
72 23.3 23.7 35.5#



#30
Chloroform
Concen: 0.43 ug/l
RT: 5.184 min Scan# 672
Delta R.T. 0.006 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 83 Resp: 2067
Ion Ratio Lower Upper
83 100
85 47.8 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 15.76 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.007 min

Lab File: VX020782.D

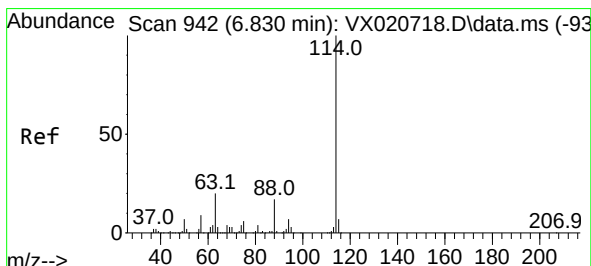
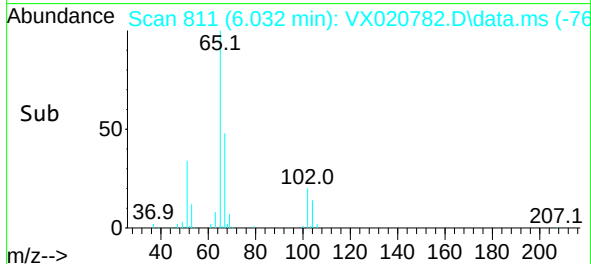
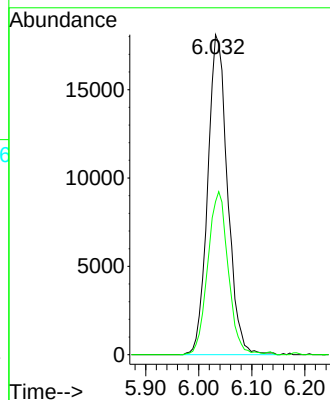
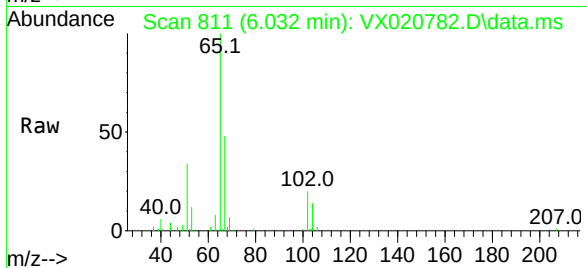
Acq: 27 Jan 2021 19:51

Tgt Ion: 65 Resp: 46996

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.836 min Scan# 943

Delta R.T. 0.006 min

Lab File: VX020782.D

Acq: 27 Jan 2021 19:51

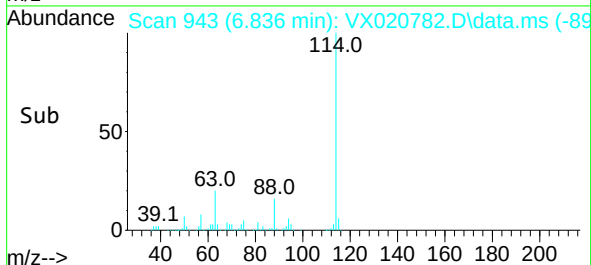
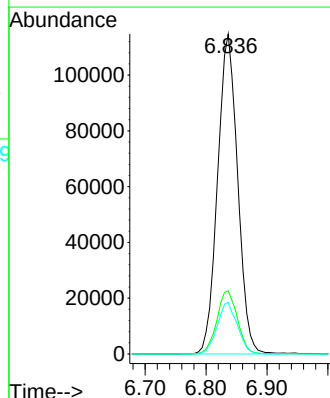
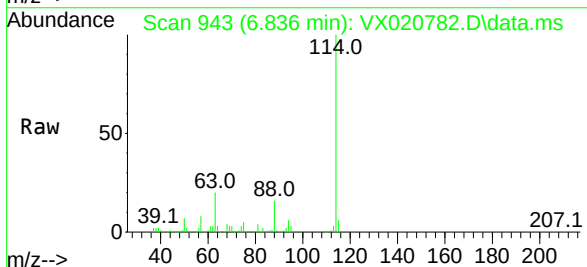
Tgt Ion: 114 Resp: 262582

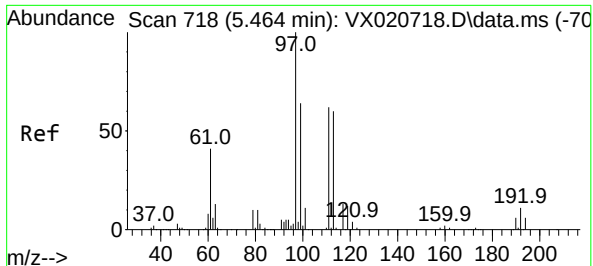
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.1 0.0 32.8

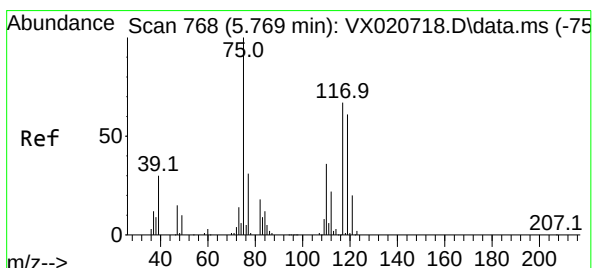
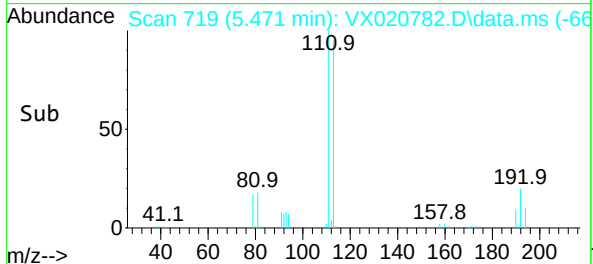
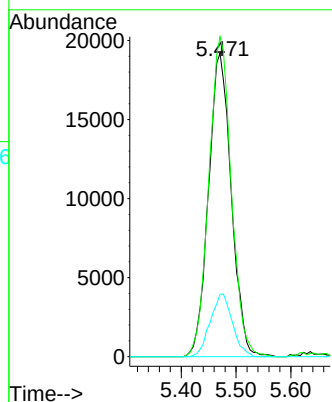
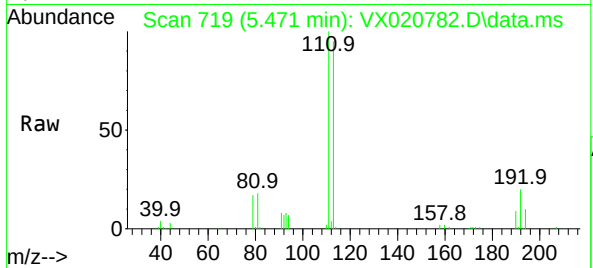




#35
Dibromofluoromethane
Concen: 30.75 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

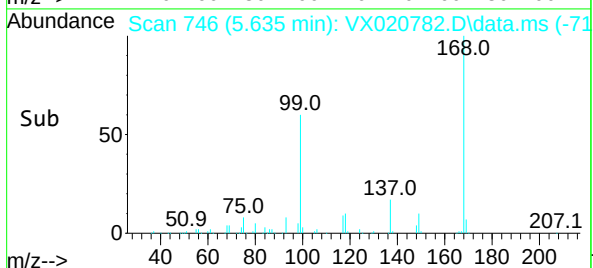
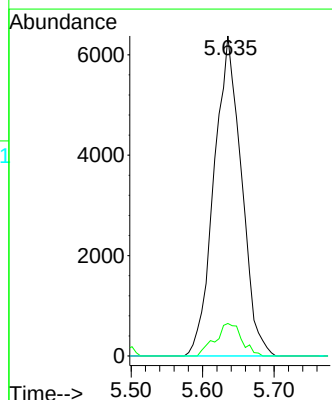
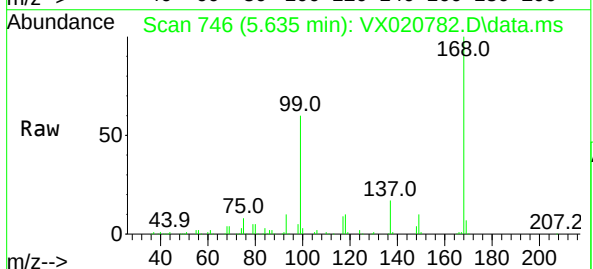
Instrument :
MSVOA_X
ClientSampled :

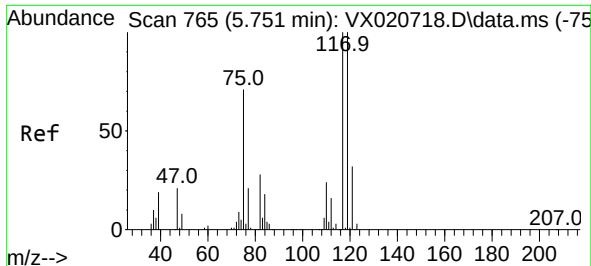
Tgt Ion:113 Resp: 55312
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 6.44 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.134 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

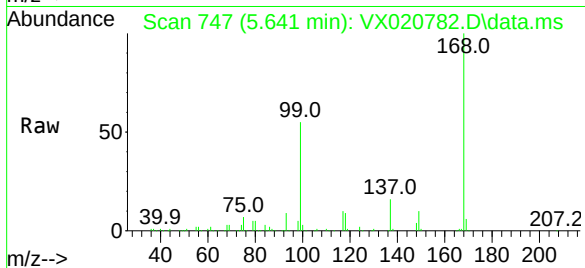
Tgt Ion: 75 Resp: 16965
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



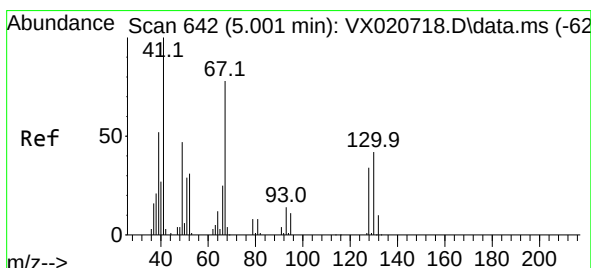
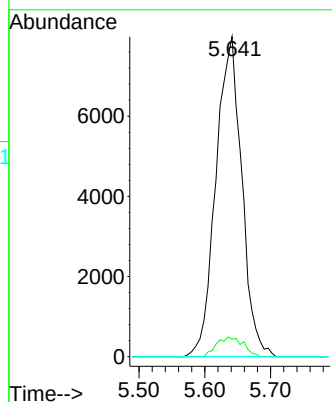
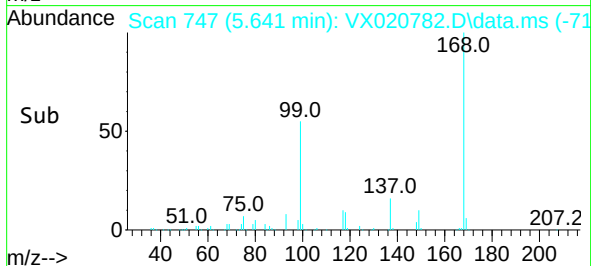


#38
Carbon Tetrachloride
Concen: 7.88 ug/l
RT: 5.641 min Scan# 747
Delta R.T. -0.110 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

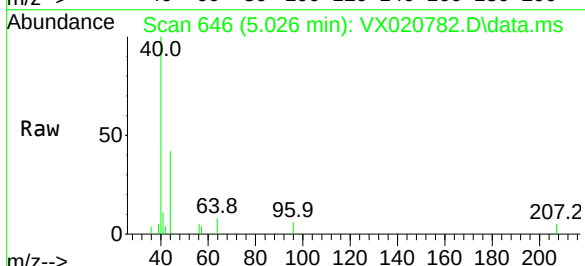
Instrument :
MSVOA_X
ClientSampled :



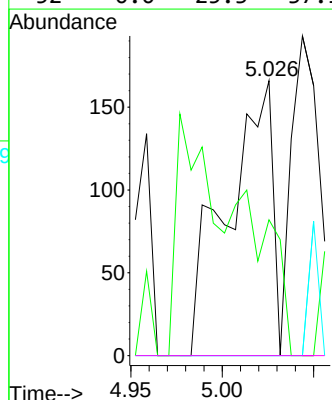
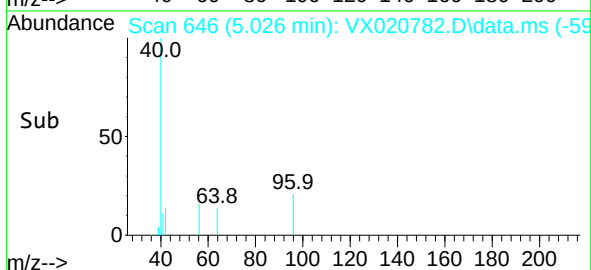
Tgt Ion: 117 Resp: 21845
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

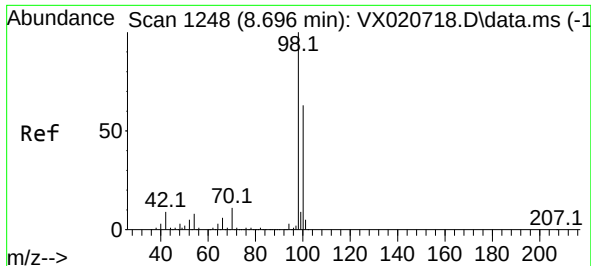


#41
Methacrylonitrile
Concen: 0.21 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.025 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51



Tgt Ion: 41 Resp: 287
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

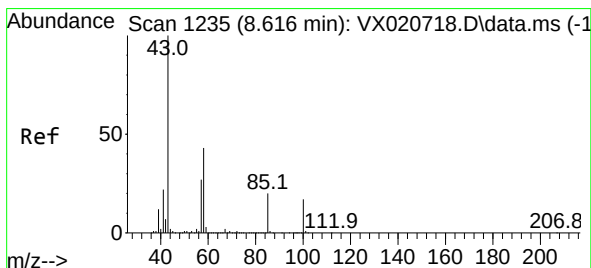
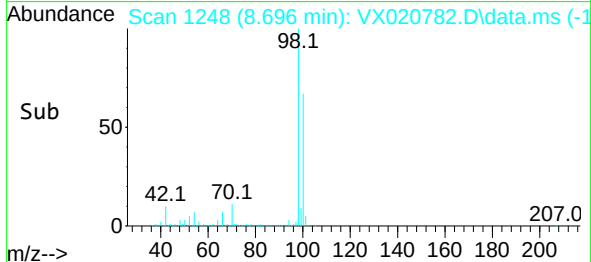
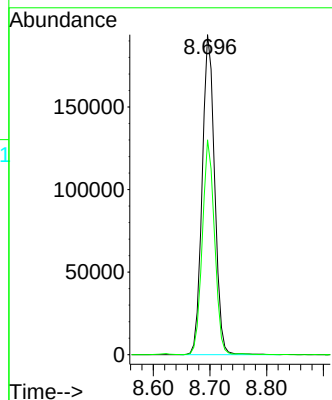
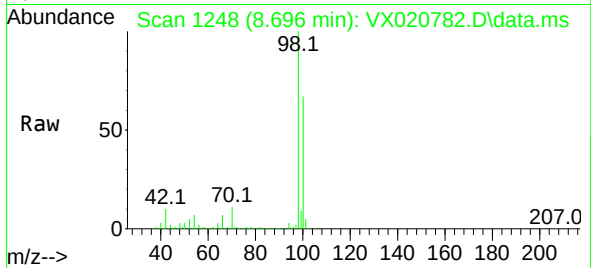




#50
Toluene-d8
Concen: 44.86 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

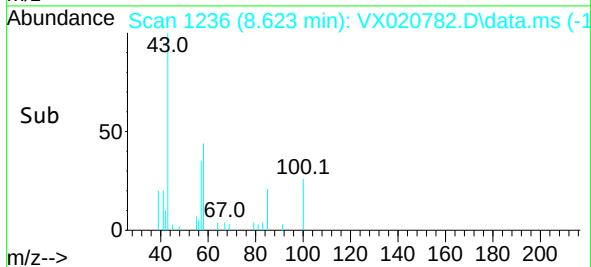
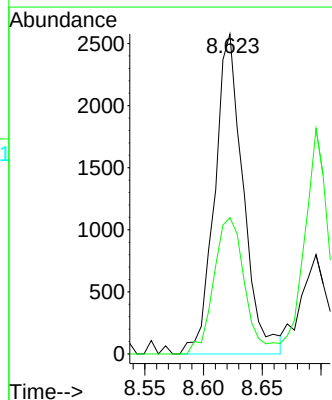
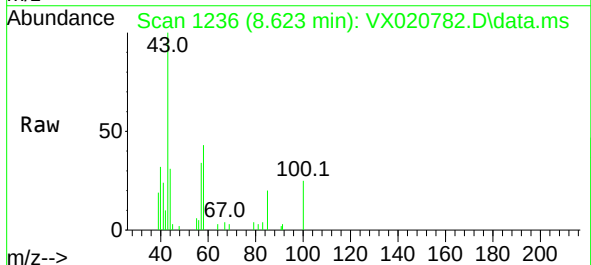
Instrument :
MSVOA_X
ClientSampleId :

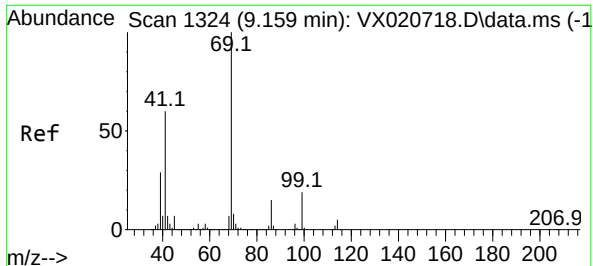
Tgt Ion: 98 Resp: 295819
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.73 ug/l
RT: 8.623 min Scan# 1236
Delta R.T. 0.007 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 43 Resp: 4358
Ion Ratio Lower Upper
43 100
58 45.2 35.4 53.0

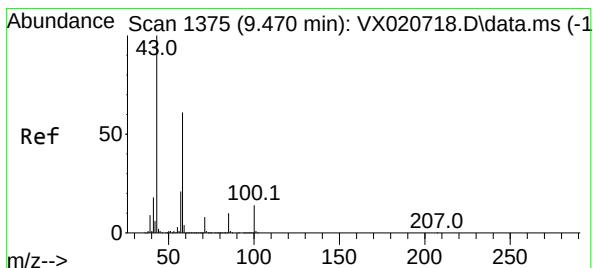
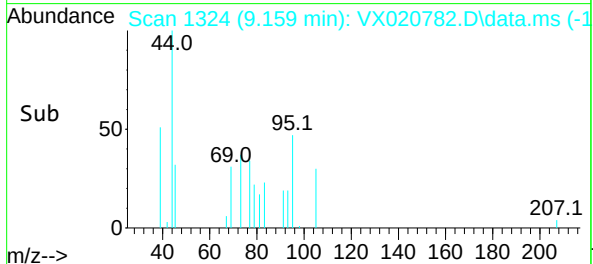
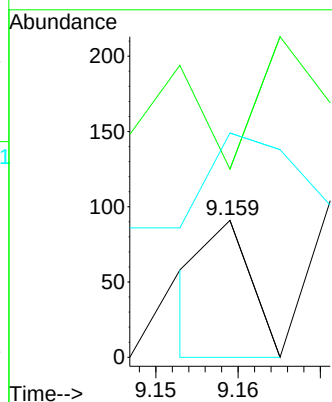
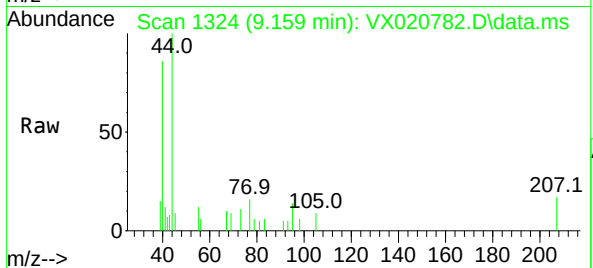




#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

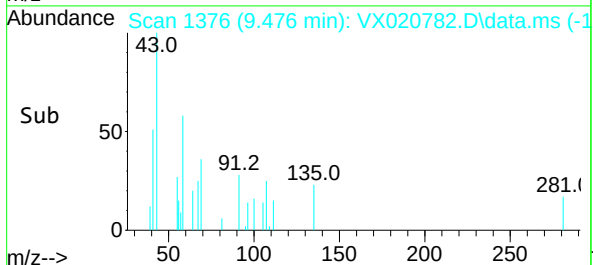
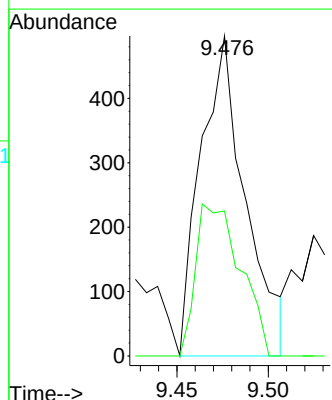
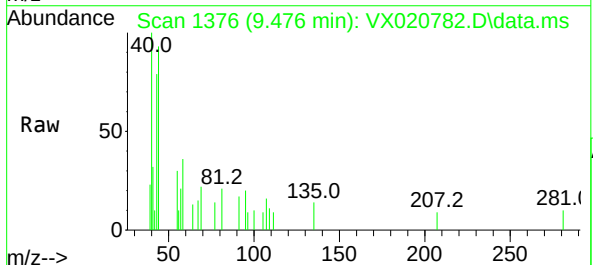
Instrument :
MSVOA_X
ClientSampled :

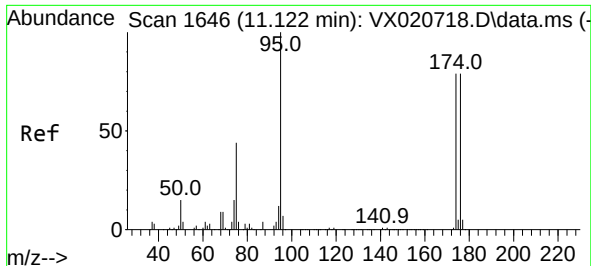
Tgt Ion: 69 Resp: 33
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 433.3 24.7 37.1#



#59
2-Hexanone
Concen: 0.45 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 47.5 30.9 92.8

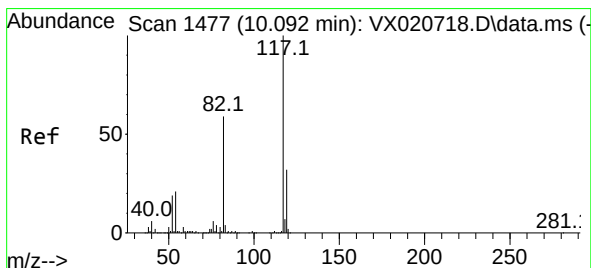
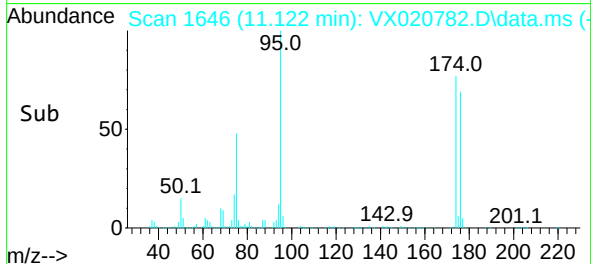
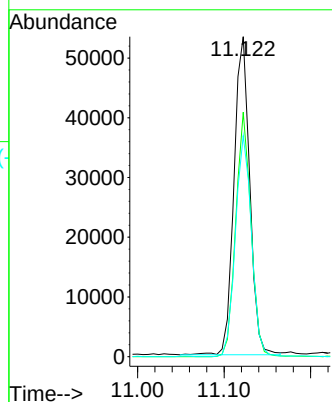
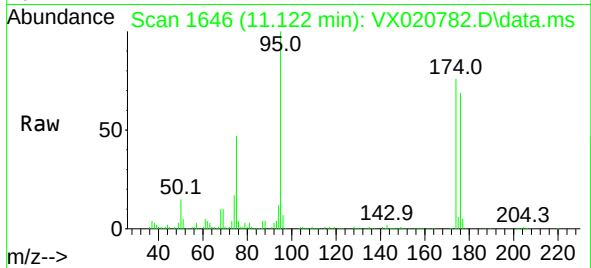




#62
4-Bromofluorobenzene
Concen: 26.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

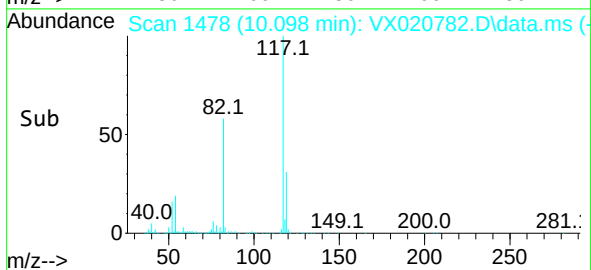
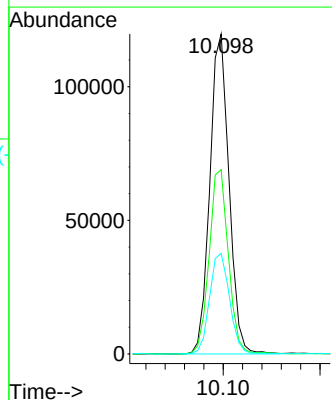
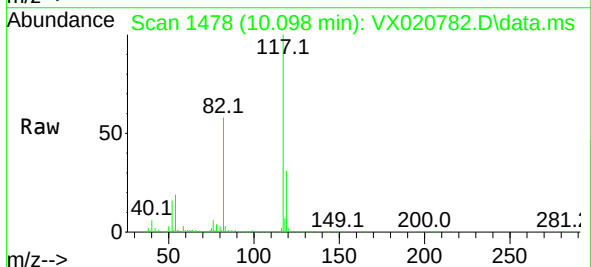
Instrument :
MSVOA_X
ClientSampled :

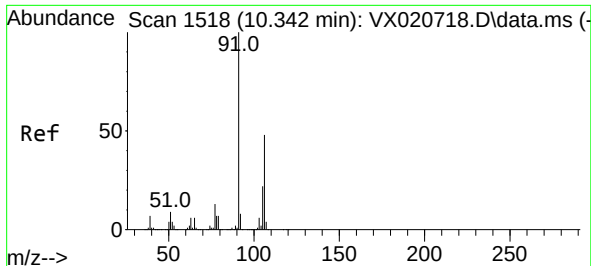
Tgt Ion: 95 Resp: 67261
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 71.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 117 Resp: 164523
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.4 26.6 39.8

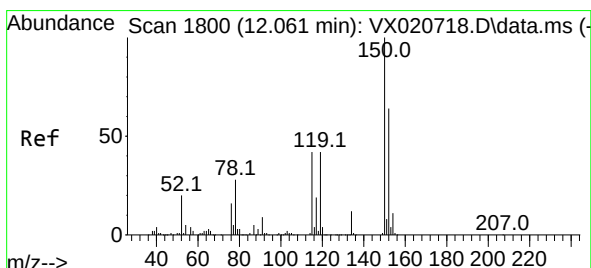
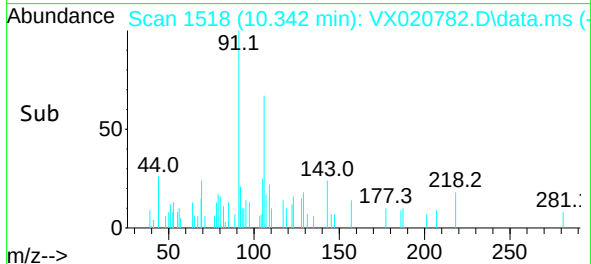
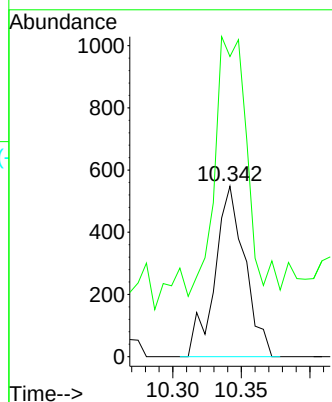
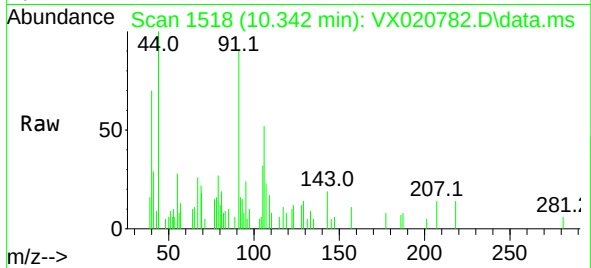




#68
m/p-Xylenes
Concen: 0.36 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

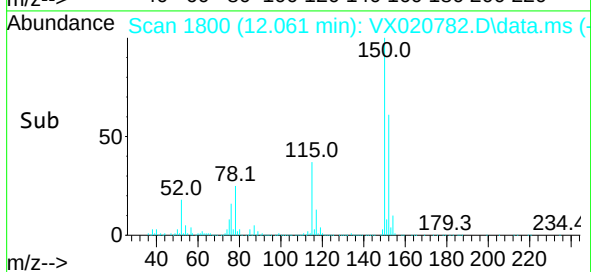
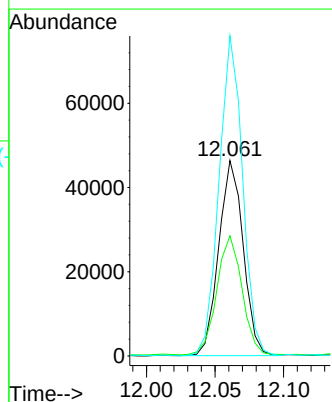
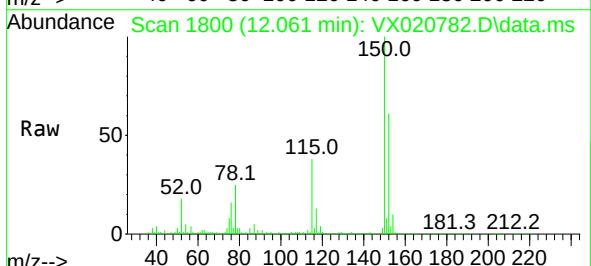
Instrument :
MSVOA_X
ClientSampleId :

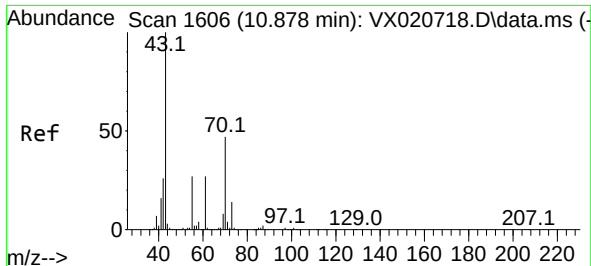
Tgt Ion:106 Resp: 836
Ion Ratio Lower Upper
106 100
91 156.7 162.8 244.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion:152 Resp: 57598
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 157.9 0.0 349.0

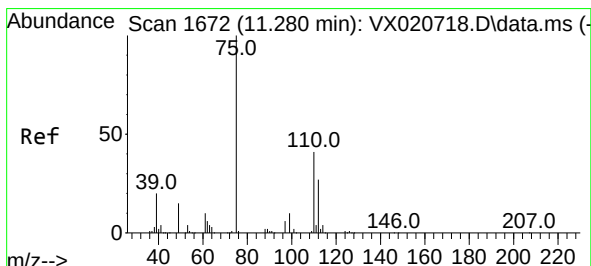
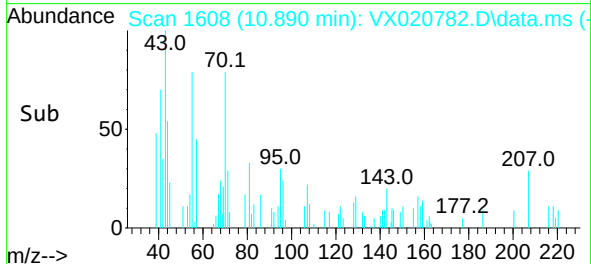
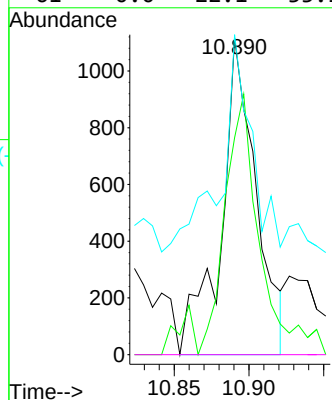
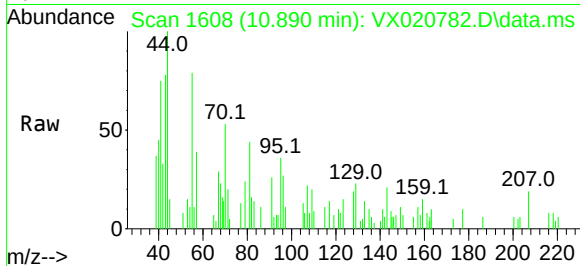




#74
N-amy1 acetate
Concen: 3.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

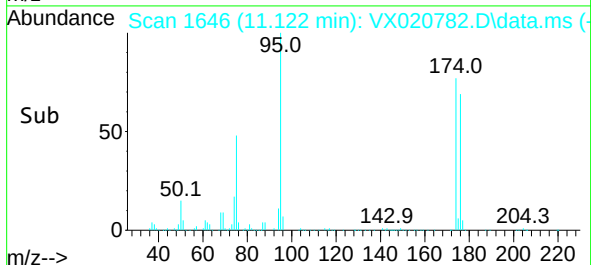
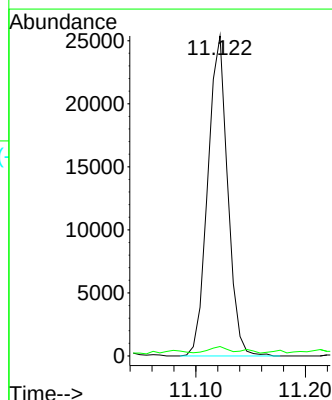
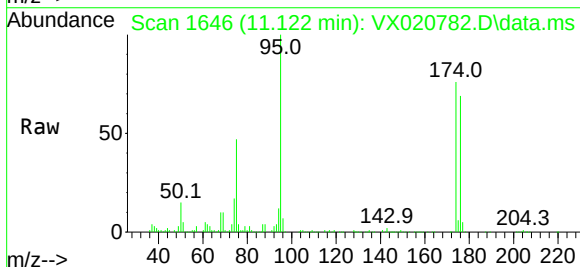
Instrument :
MSVOA_X
ClientSampleId :

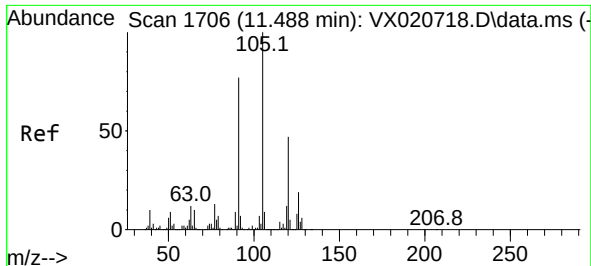
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
70 82.0 39.0 58.6#
55 70.8 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 75 Resp: 31931
Ion Ratio Lower Upper
75 100
77 1.9 19.1 57.5#

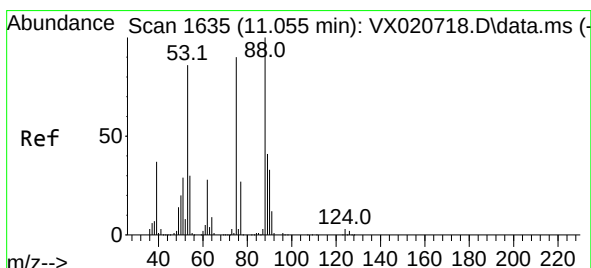
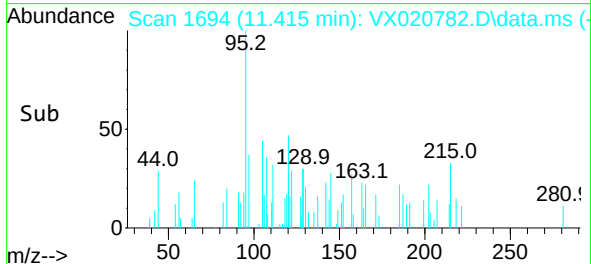
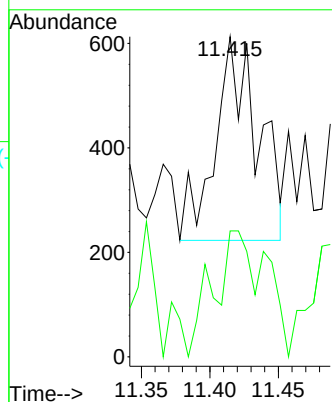
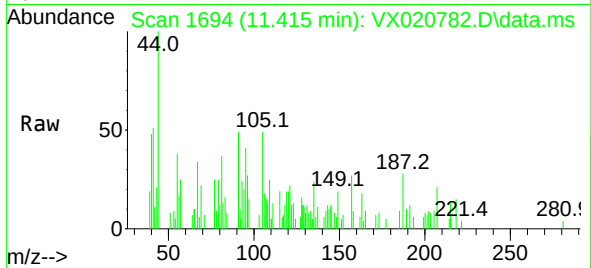




#80
1,3,5-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.415 min Scan# 1694
Delta R.T. -0.073 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

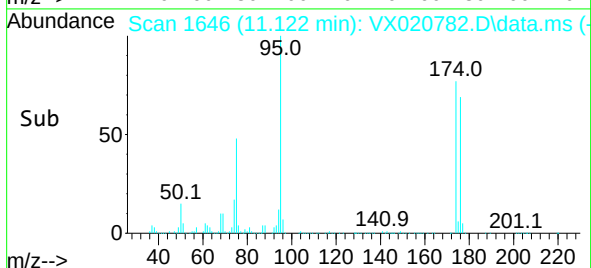
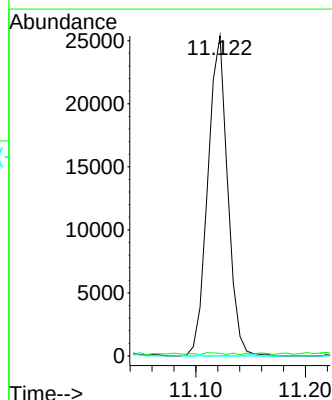
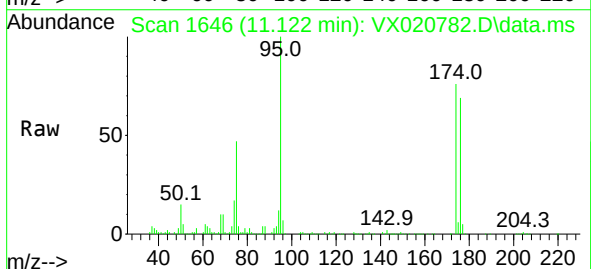
Instrument :
MSVOA_X
ClientSampleId :

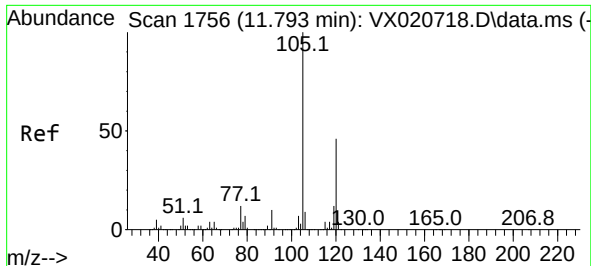
Tgt Ion:105 Resp: 845
Ion Ratio Lower Upper
105 100
120 54.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 75 Resp: 31931
Ion Ratio Lower Upper
75 100
53 0.4 74.5 111.7#
89 0.1 37.9 56.9#

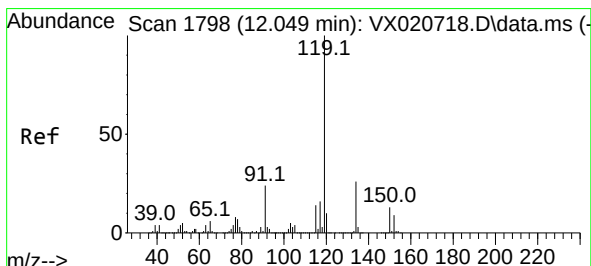
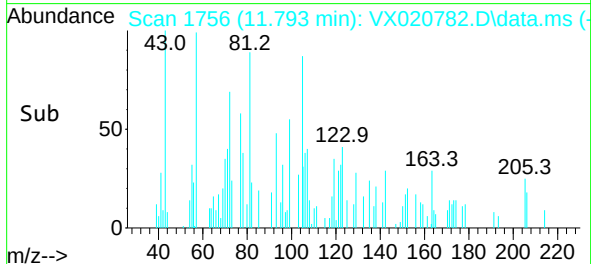
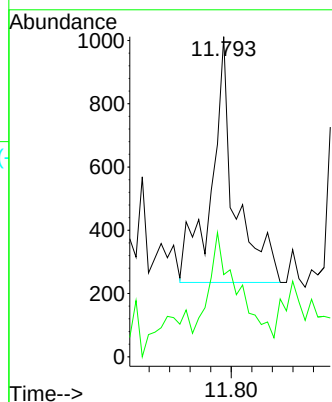
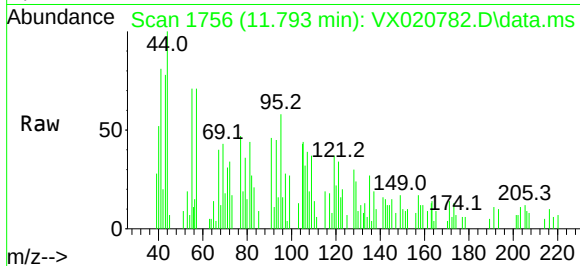




#84
1,2,4-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

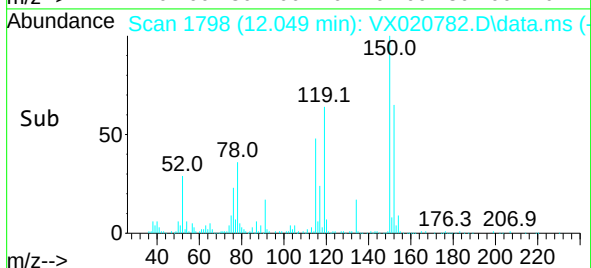
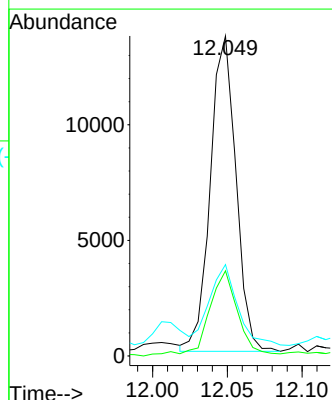
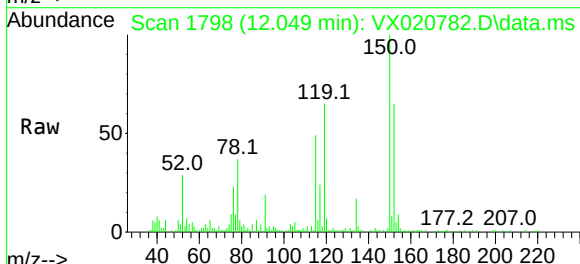
Instrument :
MSVOA_X
ClientSampleId :

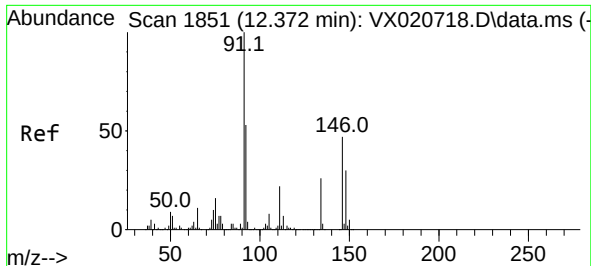
Tgt Ion:105 Resp: 1236
Ion Ratio Lower Upper
105 100
120 48.6 22.4 67.3



#86
p-Isopropyltoluene
Concen: 4.42 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion:119 Resp: 16284
Ion Ratio Lower Upper
119 100
134 30.5 12.9 38.7
91 28.4 11.7 35.0

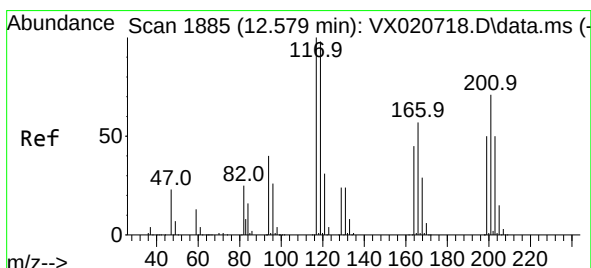
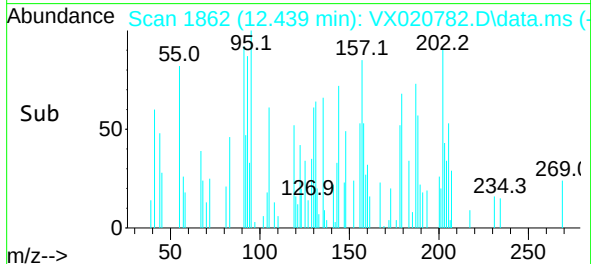
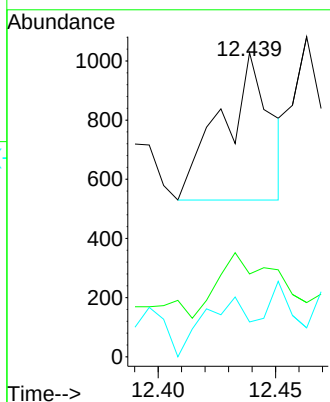
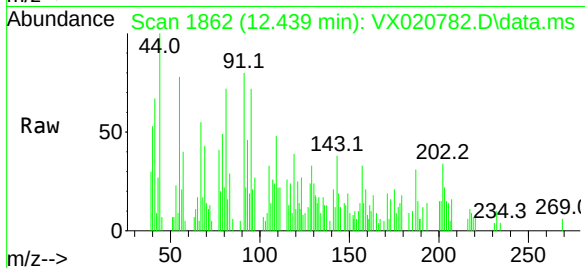




#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.439 min Scan# 1862
Delta R.T. 0.067 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

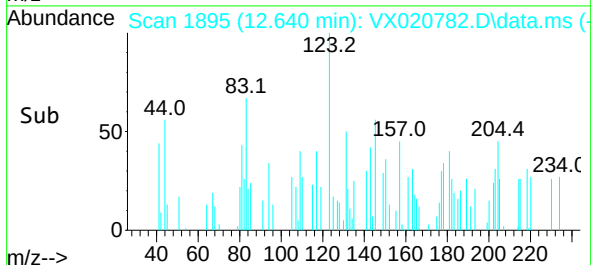
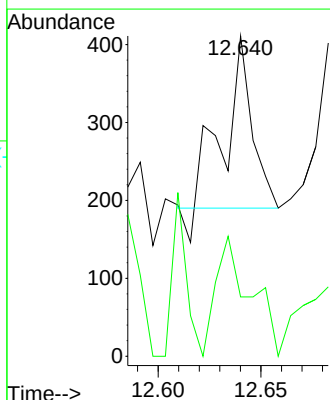
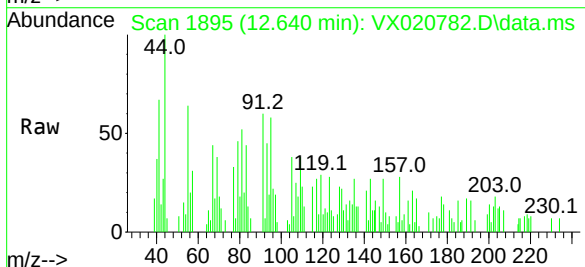
Instrument :
MSVOA_X
ClientSampleId :

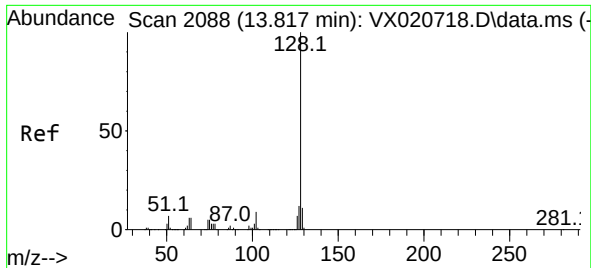
Tgt Ion:	91	Resp:	713
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.4	82.0
134	36.9	13.2	39.5



#90
Hexachloroethane
Concen: 0.30 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.061 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Tgt Ion:	117	Resp:	202
Ion	Ratio	Lower	Upper
117	100		
201	88.6	40.4	121.2





#95
Naphthalene
Concen: 3.05 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020782.D
Acq: 27 Jan 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 819
Ion Ratio Lower Upper
128 100
127 22.3 10.3 15.5#
129 16.2 8.8 13.2#

